



## SPORE TRAP REPORT

PSI, Inc  
850 Poplar Street  
Pittsburgh, PA 15220

Attn: Mike Kopar

### DATE

Reported: 8/24/18  
Analyzed: 8/24/18  
Received: 8/24/18  
Sampled: 8/24/18

Work Order: 1808679

Project Number: 08161784

Project Name: Pine-Richland - Hance

Analyst: TV

AIHA-LAP, LLC. Lab #100373

TX License: LAB0145

TEST METHOD: PSI-WI-620-816

LAB NUMBER:	001A			002A			003A		
Client ID:	OUT136			RM134			RM130		
Location:	Outside Room 136			Room 134			Room 130		
Comments:									
Detection Limit(spores/m <sup>3</sup> ):	13			13			13		
Hyphal Fragments	2	27		4	53		4	53	
Pollen	2	27					1	13	
Sample Description:	Air-O-Cell			Air-O-Cell			Air-O-Cell		
	raw ct.	spores/m <sup>3</sup>	%	raw ct.	spores/m <sup>3</sup>	%	raw ct.	spores/m <sup>3</sup>	%
Cladosporium sp.	15	200	2.19	63	840	23.60	25	330	6.72
Ascospores	512	6800	74.74	55	730	20.60	217	2900	58.33
Basidiospores	105	1400	15.33	15	200	5.62	51	680	13.71
Smuts/Myxomycetes	1	13	0.15	1	13	0.37	1	13	0.27
Peronospora/Oidium sp.									
Pen./Asp. Group	26	350	3.80	126	1700	47.19	74	990	19.89
Alternaria sp.	1	13	0.15						
Drechslera/Bipolaris									
Spegazzinia sp.									
Tetraploa sp.									
Curvularia sp.									
Stachybotrys sp.									
Unknown/Brown*	2	27	0.29	1	13	0.37			
Torula sp.	1	13	0.15						
Ulocladium sp.									
Chaetomium sp.									
Pithomyces sp.	1	13	0.15						
Epicoccum sp.									
Polythrincium sp.	1	13	0.15						
Pestalotia sp.	2	27	0.29						
Cercospora sp.									
Rusts							1	13	0.27
Nigrospora sp.									
Ganoderma sp.	16	210	2.34	6	80	2.25	3	40	0.81
Zygothiala sp.	2	27	0.29						
Background debris (1-5)**	3			3			3		
Sample Volume (liters)	75			75			75		
<b>TOTAL †</b>	<b>685</b>	<b>9,100</b>	<b>100</b>	<b>267</b>	<b>3,600</b>	<b>100</b>	<b>372</b>	<b>5,000</b>	<b>100</b>

Total % may not equal 100 due to rounding.



## SPORE TRAP REPORT

PSI, Inc  
850 Poplar Street  
Pittsburgh, PA 15220

Attn: Mike Kopar

DATE  
Reported: 8/24/18  
Analyzed: 8/24/18  
Received: 8/24/18  
Sampled: 8/24/18

Work Order: 1808679  
Project Number: 08161784  
Project Name: Pine-Richland - Hance

Analyst: TV

AIHA-LAP, LLC. Lab #100373

TX License: LAB0145

TEST METHOD: PSI-WI-620-816

LAB NUMBER:	004A			005A			006A		
Client ID:	RM127			RM128			RM123		
Location:	Room 127			Room 128			Room 123		
Comments:									
Detection Limit(spores/m <sup>3</sup> ):	13			13			13		
Hyphal Fragments	7	93		6	80		1	13	
Pollen				1	13				
Sample Description:	Air-O-Cell			Air-O-Cell			Air-O-Cell		
	raw ct.	spores/m <sup>3</sup>	%	raw ct.	spores/m <sup>3</sup>	%	raw ct.	spores/m <sup>3</sup>	%
Cladosporium sp.	10	130	6.45	8	110	0.50	6	80	6.98
Ascospores	58	770	37.42	1404	19000	87.37	48	640	55.81
Basidiospores	40	530	25.81	147	2000	9.15	5	67	5.81
Smuts/Myxomycetes	1	13	0.65						
Peronospora/Oidium sp.									
Pen./Asp. Group	38	510	24.52	24	320	1.49	26	350	30.23
Alternaria sp.				1	13	0.06			
Drechslera/Bipolaris									
Spegazzinia sp.									
Tetraploa sp.									
Curvularia sp.									
Stachybotrys sp.									
Unknown/Brown*	1	13	0.65	3	40	0.19			
Torula sp.									
Ulocladium sp.									
Chaetomium sp.									
Pithomyces sp.									
Epicoccum sp.									
Polythrincium sp.				5	67	0.31			
Pestalotia sp.									
Cercospora sp.									
Rusts									
Nigrospora sp.									
Ganoderma sp.	7	93	4.52	15	200	0.93	1	13	1.16
Zygophiala sp.									
Background debris (1-5)**	3			3			3		
Sample Volume (liters)	75			75			75		
<b>TOTAL †</b>	<b>155</b>	<b>2,100</b>	<b>100</b>	<b>1607</b>	<b>22,000</b>	<b>100</b>	<b>86</b>	<b>1,200</b>	<b>100</b>

Total % may not equal 100 due to rounding.



## SPORE TRAP REPORT

PSI, Inc  
850 Poplar Street  
Pittsburgh, PA 15220

Attn: Mike Kopar

DATE  
Reported: 8/24/18  
Analyzed: 8/24/18  
Received: 8/24/18  
Sampled: 8/24/18

Work Order: 1808679  
Project Number: 08161784  
Project Name: Pine-Richland - Hance

Analyst: TV

AIHA-LAP, LLC. Lab #100373

TX License: LAB0145

TEST METHOD: PSI-WI-620-816

LAB NUMBER:	007A			008A			009A		
Client ID:	RM136			RM141			RM135		
Location:	Room 136			Room 141			Room 135		
Comments:									
Detection Limit(spores/m <sup>3</sup> ):	13			13			13		
Hyphal Fragments	3	40		2	27		1	13	
Pollen									
Sample Description:	Air-O-Cell			Air-O-Cell			Air-O-Cell		
	raw ct.	spores/m <sup>3</sup>	%	raw ct.	spores/m <sup>3</sup>	%	raw ct.	spores/m <sup>3</sup>	%
Cladosporium sp.	22	290	19.30	6	80	6.00	12	160	21.43
Ascospores	7	93	6.14	5	67	5.00	17	230	30.36
Basidiospores	3	40	2.63				2	27	3.57
Smuts/Myxomycetes									
Peronospora/Oidium sp.									
Pen./Asp. Group	81	1100	71.05	87	1200	87.00	24	320	42.86
Alternaria sp.	1	13	0.88						
Drechslera/Bipolaris									
Spegazzinia sp.									
Tetraploa sp.									
Curvularia sp.									
Stachybotrys sp.				2	27	2.00			
Unknown/Brown*									
Torula sp.									
Ulocladium sp.									
Chaetomium sp.									
Pithomyces sp.									
Epicoccum sp.									
Polythrincium sp.									
Pestalotia sp.									
Cercospora sp.									
Rusts									
Nigrospora sp.									
Ganoderma sp.							1	13	1.79
Zygophiala sp.									
Background debris (1-5)**	3			4			2		
Sample Volume (liters)	75			75			75		
<b>TOTAL †</b>	<b>114</b>	<b>1,500</b>	<b>100</b>	<b>100</b>	<b>1,400</b>	<b>100</b>	<b>56</b>	<b>750</b>	<b>100</b>

Total % may not equal 100 due to rounding.

**SPORE TRAP REPORT**

PSI, Inc  
850 Poplar Street  
Pittsburgh, PA 15220  
  
Attn: Mike Kopar

DATE  
Reported: 8/24/18  
Analyzed: 8/24/18  
Received: 8/24/18  
Sampled: 8/24/18

Work Order: 1808679  
Project Number: 08161784  
Project Name: Pine-Richland - Hance  
  
Analyst: TV

---

**Specific Sample Comments:**

General Report Comments:

\* Unknown/brown are spores without a distinctive morphology on spore traps and non-viable surface samples.

\*\* Background debris is the amount of particulate matter present on the slide and is graded from 1-5 with 1 being very little, while a debris rating of 5 is unreadable.

The higher the rating the more likelihood spores may be underestimated.

A rating of 4 should be interpreted as minimal counts and may actually be higher than reported.

‡ Total spores/m<sup>3</sup> has been rounded to two significant figures to reflect analytical precision.

All samples were analyzed at 400x or 600x magnification unless noted.

The reporting limit is one spore/item adjusted for volume. Entire trace was analyzed unless noted.

---

Results relate only to items tested. Results are not corrected for blank data.

This report may not be reproduced except in full, without written approval of PSI, Inc.

Samples will be disposed of within thirty (30) days unless notified in writing by the client.

Results based on volume measurement provided by the client.

*Disclaimer:* The laboratory is not responsible for interpretation of test results or for methods used during sampling.

**All samples were in acceptable condition unless noted.**

Respectfully submitted, PSI, Inc.



Cathy McNamee, Approved Signatory